

# BIOGRAPHICAL SKETCH

Give the following information for the key personnel and consultants and collaborators. Begin with the principal investigator/program director. Photocopy this page for each person.

NAME Stanton A. Glantz, Ph.D.	POSITION TITLE Professor of Medicine
----------------------------------	---

EDUCATION (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)

INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
UNIVERSITY OF CINCINNATI, OH	BS	1969	AEROSPACE ENGINEERING
STANFORD UNIVERSITY, CA	MS	1970	APPLIED MECHANICS
STANFORD UNIVERSITY, CA	PHD	1973	APPLIED MECHS & ECON.
STANFORD UNIVERSITY, CA	POSTDOC	1975	CARDIOVASC RESEARCH
UC SAN FRANCISCO, CA	POSTDOC	1977	CARDIOVASC RESEARCH

**RESEARCH AND PROFESSIONAL EXPERIENCE:** Concluding with present position, list, in chronological order, previous employment, experience, and honors. Key personnel include the principal investigator and any other individuals who participate in the scientific development or execution of the project. Key personnel typically will include all individuals with doctoral or other professional degrees, but in some projects will include individuals at the masters or baccalaureate level provided they contribute in a substantive way to the scientific development or execution of the project. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles, all authors, and complete references to publications during the past three years and to representative earlier publications pertinent to this application. DO NOT EXCEED TWO PAGES.

**PRINCIPAL POSITIONS HELD:** Student Trainee and Aerospace Engineer, NASA Manned Spacecraft Center, Houston, TX (65-68); Assistant Professor of Medicine, University of California, San Francisco (1977-81); Associate Professor of Medicine (1981-87); Professor of Medicine (1987-now).

**HONORS AND AWARDS:** Eagle Scout, Bronze Palm (1960); Outstanding future teacher (1964); Bausch and Lomb Science Award (1964); Tau Beta Pi (engineering) (1968); NSF Graduate Fellowship (1969-72); NIH Postdoctoral Fellowship (1973-75); Bay Area Heart Research Committee Senior Research Fellowship (1975-77); NIH Research Career Development Award (1977-82); Best Paper Published in Computer (1978); Janssen Lecture of Society for Cardiac Anesthesia (1986); Finalist, American Lung Association Quality of Life Award for Volunteer Service (1986); Fellow, American College of Cardiology (1992); Associate Editor, Journal of the American College of Cardiology (1992-1997).

**SELECTED PUBLICATIONS:**

- Glantz SA, Abramowitz, and Burkart M (1976) Election Outcomes: Whose Money Matters? Journal of Politics. 38: 1033-38.
- K. Krzanowski, R. Carlson, S. Glantz. On the Air: A Guide to Creating Smoke-Free Workplaces. American Lung Association (booklet). 1988.
- S. Glantz and D. Stromberg. Public Attitudes Regarding Smokefree Airlines. AJPH 78:1366, 1988 (letter).
- S. Glantz. A nonsmokers' rights campaign: Guerilla warfare in the Third World. World Smoking and Health 13(1):26-28, 1988.
- B. Slinker and S. Glantz. Multiple linear regression is a useful alternative to traditional analysis of variance. Am. J. Physiol. Regul. 255: R353-R367, 1988.
- C. P. Chagas and S. Glantz. Angiographic validation of eigenvolume to measure left ventricular size. Circ. Res. 62: 1237-1246, 1988.
- S. Glantz. Statistical per Discipline Bio-Mediche (second edition). Milan, Italy: McGraw-Hill. (Italian edition of Primer of Biostatistics) Translated by A. Marinoni, V. Balestra, S. Favilli. 1988.
- B. Slinker and S. Glantz: Left ventricular stroke work depends on preload, afterload and contraction history. Am. J. Physiol. Regul. 256: R962-R975, 1989.
- C. Boltwood, R. Appleyard, S. Glantz: Left ventricular volume measurement by conductance catheter in intact dogs: The parallel conductance increases with left ventricular size. Circulation 80: 1360-1377, 1989.
- J. Gilbert and S. Glantz: Determinants of Left Ventricular Filling and of the Diastolic Pressure-Volume Relationship. Circ. Res. 64: 827-852, 1989.
- S. A. Glantz and J. C. Gilbert. Determinants of Diastolic Function. IN: Cardiac Mechanics and Function in the Normal and Diseased Heart ed. by M. Hori, H. Suga, J. Baan, E. Yellin. Tokyo: Springer-Verlag. 1989.
- S. Glantz. Financial Impact of Animal Regulations. Science 244:1531, 1989 (letter).
- R. Appleyard and S. Glantz: Two dimensions describe left ventricular volume change during hemodynamic transients. Am. J. Physio. Heart 258: H277-H284, 1990.
- S. Glantz and B. Slinker. Primer of Multiple Regression and Analysis of Variance. New York: McGraw-Hill. 1990.
- S. Glantz. Secondhand Smoke: Toxic Air Pollution. IOCU Consumer Lifelines July 15, 1990.
- F. Stillman, D. Becker, R. Swank, D. Hantula, H. Moses, S. Glantz, H. Waranch: Ending smoking at the Johns Hopkins Medical Institutions: An evaluation of smoking prevalence and indoor air pollution. J. Am. Med. Assoc. 264: 1565-1569, 1990.
- B. Slinker and S. A. Glantz: Missing data in two way analysis of variance. Am. J. Physiol. Regul. 258: R353-R367, 1990.
- R. Appleyard and S. Glantz: A Pulmonary Model to Predict the Effects of Series Ventricular Interaction. Circ. Res. 67: 1225-1237, 1990.